Sl. No	Description of Item	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Bottom Slab								
	Nagawara colony								
	cross road 1		1.00	58.00	0.50	0.15	4.35		
	cross road 2		1.00	58.00	0.50	0.15	4.35		
	Side Walls								
	Nagawara colony								
	cross road 1		2.00	58.00	0.10	0.50	5.80		
	cross road 2		2.00	58.00	0.10	0.50	5.80		
							20.30	6231.74	**126504.32**
	Basic rate	**5879**							
	Area Weightage 6%	**352.74**							
	Final Rate	**6231.74**							
7	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW. P&IWTD SR 2016-								
	Consider 55Kgs/cum for item No. only RCC Drain Qty	Tonne		20.30	0.055	--	1.12		
							1.12	73691.20	**82534.14**
	Basic rate	**69520**							
	Area Weightage 6%	**4171.2**							
	Final Rate	**73691.20**							
8	Providing and fixing **RCC Precast cover slab of 100mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
		Sqm							
	cross road 1		1	58.00	0.50	--	29.00		
	cross road 2		1	58.00	0.50	--	29.00		
	Helmet palce side road		2.00	140.00	0.90	--	252.00		
	Taj tea house road		2.00	52.00	0.90	--	93.60		
							403.60	1817.00	**733341.20**
	Data Rate =1817								
9	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and								
		Cum							
	cross road 1		1.00	58.00	3.00	0.10	17.40		
	cross road 2		1.00	58.00	2.90	0.10	16.82		
	Helmet palce side road		1.00	140.00	6.80	0.10	95.20		
	Taj tea house road		1.00	60.00	6.80	0.10	40.80		
	cross road in taj tea house road		1.00	50.00	4.50	0.10	22.50		
							192.72	6217.96	**1198325.25**

Sl. No	Description of Item	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Basic rate	**5866**							
	Area Weightage 6%	**351.96**							
	Final Rate	**6217.96**							
10	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)								
	cross road 1	Sqm	1.00	58.00	3.00	--	174.00		
	cross road 2	Sqm	1.00	58.00	2.90	--	168.20		
	Helmet palce side road	Sqm	1.00	140.00	6.80	--	952.00		
	Taj tea house road	Sqm	1.00	60.00	6.80	--	408.00		
	cross road in taj tea house road	Sqm	1.00	50.00	4.50	--	225.00		
							1927.20	95.40	**183854.88**
	Basic rate	**90**							
	Area Weightage 6%	**5.4**							
	Final Rate	**95.4**							
								Total Construction Cost	**2699940.592**
11		**Cost towards Design Report , PMC / Third Party inspection LS**							**26999.41**
								Tender Premium10%	**269994.06**
								Sub Total	**2996934.06**
12								**Miscellaneous and rounding off**	**3065.94**
								Total	**3000000.00**

Certificate.

1 The workspot was inspected and Provisions made in the estimate are adequate and necessary.
2 Work Spot comes under BBMP limits.
3 The estimate based on PWD CSR for the year 2016-17.
4 This work is not split up.
5 These works are not taken up in any other grants and free from Defect Liability Period.
6 Earlier Improvements taken up in the proposed roads are recorded in earlier road history.

Assistant Engineer

Assistant Executive Engineer

Executive Engineer 27/11

27/11

Administrative Approval
Accorded For 30.00 lakh Rs.
Head of A/C P3316
CER NO : 171 Dt: 28/11/17

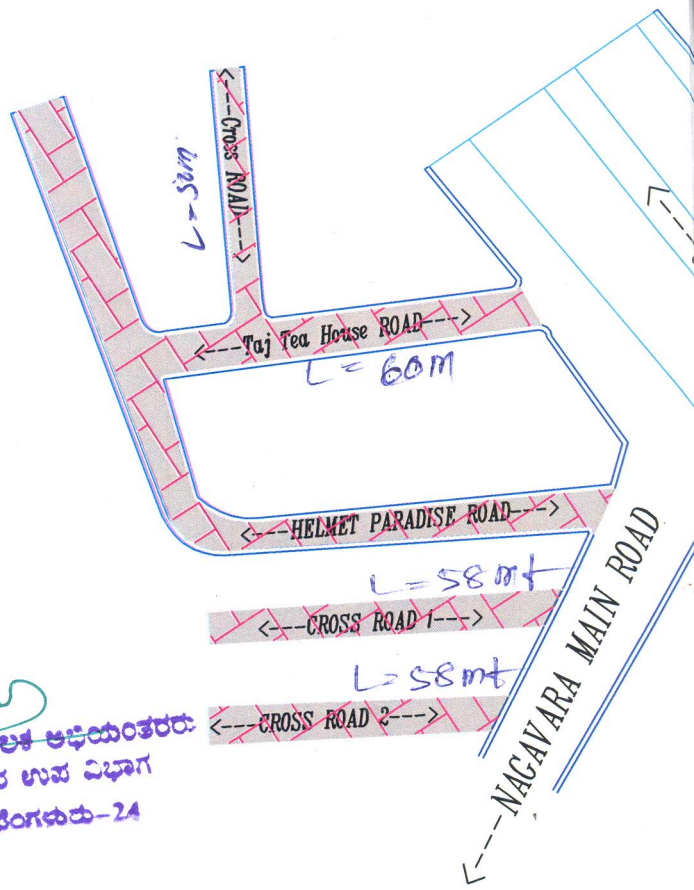
TA CE (YNK)

Technical Sanction
Accorded For 30.00 lakh Rs.
Head of A/C P3316
CER NO : 392 Dt: 28/11/17

TA CE (YNK)

BRUHAT BANGAL

Providing Cement Concrete Roads at Nagawara Colon



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

29.2.16
ಸಹಾಯಕ ~~ಕಾರ್ಯ~~ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

NOTE-

1. ALL DIMENSION & LEVELS ARE Mts. UNLESS OTHERWISE MENTIONED.

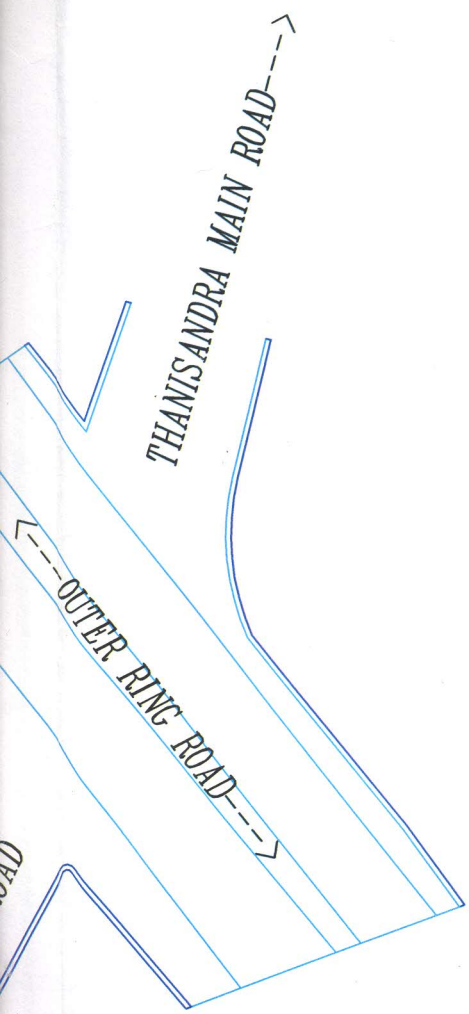
DATE	No. OF PRINTS	PRINTS ISSUED TO	SIGN

DATE	REVISION	DESCRIPTIONS	SIGN

LEG
Asp
CC
Dr

GALORE MAHANAGARA PALIKE

olony in Ward No 06 Byatarayanapura Sub division



Road Name	Length
Helmet Paradise Rd	140m
Taj Tea House Rd	60m
Cross Road	50m
Cross Road 1	58m
Cross Road 2	58m

NAGAVARA COLONY

LEGEND:-

Asphalt

CC Road

Drain

TITLE: STRIP PLAN 1/1

BRUHAT BANGALORE MAHANAGARA PALIKE

Project:Asphalting to road and improvements to drains at Manjunatha Layout 1st,2nd and 3rd cross roads in Ward no 06 Byatarayanapura Sub Division

Est Cost: 30.00lakhs

Sl. No	Description of Item	Unit	No.	Length m	Breadth	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.137, I.No.18.20 of PW,P&IWTD SR 2016-17)								
	Manjunath layout								
	Damaged portion of roads								
	culverts		7	6.00	1.500	0.20	12.60		
							12.60	465.70	**5867.82**
	Basic rate	**345**							
	Loading and unloading with 10km lead= 68+2.5x1.28x10 = 100	**100**							
	Area Weightage 6%	**27.6**							
	Final Rate	**472.6**							
2	Removing and resetting of footpath slab(P.No.265, I.No.37.56 of PW, P&IWTD SR 2016-								
	thanisandra main road from manjunatha layout to SWD		1	650	1.5		975.00		
	consider 15% damaged						-146.25		
							828.75	132.50	**109809.38**
	Basic rate	**125**							
	Area Weightage 6%	**7.5**							
	Final Rate	**132.50**							
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)								
	Manjunath layout	Cum							
	1st cross road from service road to thanisandra main road		1	231.00	1.10	1.10	279.51		
	thanisandra main road from manjunatha layout to SWD		1	650	0.65	0.70	295.75		
	culverts		7	6.00	1.60	1.20	80.64		
							655.90	186.92	**122600.83**
	Basic rate	**82**							
	Loading and unloading with 10km lead= 68+2.5x1.28x10 = 100	**100**							
	Area Weightage 6%	**4.92**							
	Final Rate	**186.92**							
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)								
	Bed Concrete	Cum							
	Manjunath layout								
	1st cross road from service road to thanisandra main road		1	231	1.1	0.150	38.12		
	culverts		7	6.00	1.60	0.150	10.08		
							48.20	5348.76	**257783.49**
	Basic rate	**5046**							
	Area Weightage 6%	**302.76**							
	Final Rate	**5348.76**							
5	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)								

Sl. No	Description of Item	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Bottom Slab	Sqm							
	Manjunath layout								
	1st cross road from service road to thanisandra main road		2	231.00	--	0.15	69.30		
	culverts		14	6.00	--	0.15	12.60		
							81.90	244.86	**20054.03**
	Basic rate	**231**							
	Area Weightage 6%	**13.86**							
	Final Rate	**244.86**							
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2016-17)								
	Side Walls	Sqm							
	Manjunath layout								
	1st cross road from service road to thanisandra r		4	231.00	--	0.800	739.20		
	culverts		28	6.00	--	0.850	142.80		
							882.00	310.58	**273931.56**
	Basic rate	**293**							
	Area Weightage 6%	**17.58**							
	Final Rate	**310.58**							
7	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)								
	Culvert	Cum							
	Bottom Slab								
	Manjunath layout								
	1st cross road from service road to thanisandra r		1	231.00	0.90	0.15	31.19		
	culverts		7	6.00	1.40	0.20	11.76		
	Side Walls								
	Manjunath layout								
	1st cross road from service road to thanisandra r		2	231.00	0.15	0.80	55.44		
	culverts		14	6.00	0.20	0.85	14.28		
							112.67	6231.74	**702098.99**
	Basic rate	**5879**							
	Area Weightage 6%	**352.74**							
	Final Rate	**6231.74**							
8	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD SR 2016-								
	Consider 50Kgs/cum for item No. only RCC Drain Qty	Tonne		26.04	0.050	--	1.31		
	Consider 80Kgs/cum for item No. only RCC Drain Qty	Tonne		26.04	0.080	--	2.09		
							3.40	73691.20	**250550.08**
	Basic rate	**69520**							
	Area Weightage 6%	**4171.20**							
	Final Rate	**73691.20**							
9	Providing and fixing **RCC Precast cover slab of 250mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Culverts	Sqm	7	6.00	1.40	--	58.80		
							58.80	5317.00	**312639.60**
10	Providing and fixing **RCC Precast cover slab of 100 mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)							**Sqm**	
	consider 15% damaged						146.25		
	1st cross road from service road to thanisandra r		1	231.00	0.90	--	207.90		
							354.15	1817.00	**643490.55**

Sl. No	Description of Item	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Area Weightage 6%	5.4							
	Final Rate	95.4							2698826.32
								Total Construction Cost	2702650.300
8	26988.26							Cost towards Design Report , PMC / Third Party inspection LS	27026.50
								Tender premium 10%	270265.03
								Sub Total	2999941.83
9								Miscellaneous and rounding off	4302.58.17
								Total	3000000.00

Certificate.

1 The workspot was inspected and Provisions made in the estimate are adequate and necessary.
2 Work Spot comes under BBMP limits.
3 The estimate based on PWD CSR for the year 2016-17.
4 This work is not split up.
5 These works are not taken up in any other grants and free from Defect Liability Period.
6 Earlier Improvements taken up in the proposed roads are recorded in earlier road history.

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Executive Engineer
27/11

Administrative Approval
Accorded For ..... 30.00 lakh Rs
Head of A/C..... P3316
CER NO :.....172 Dt:.. 28/11/17

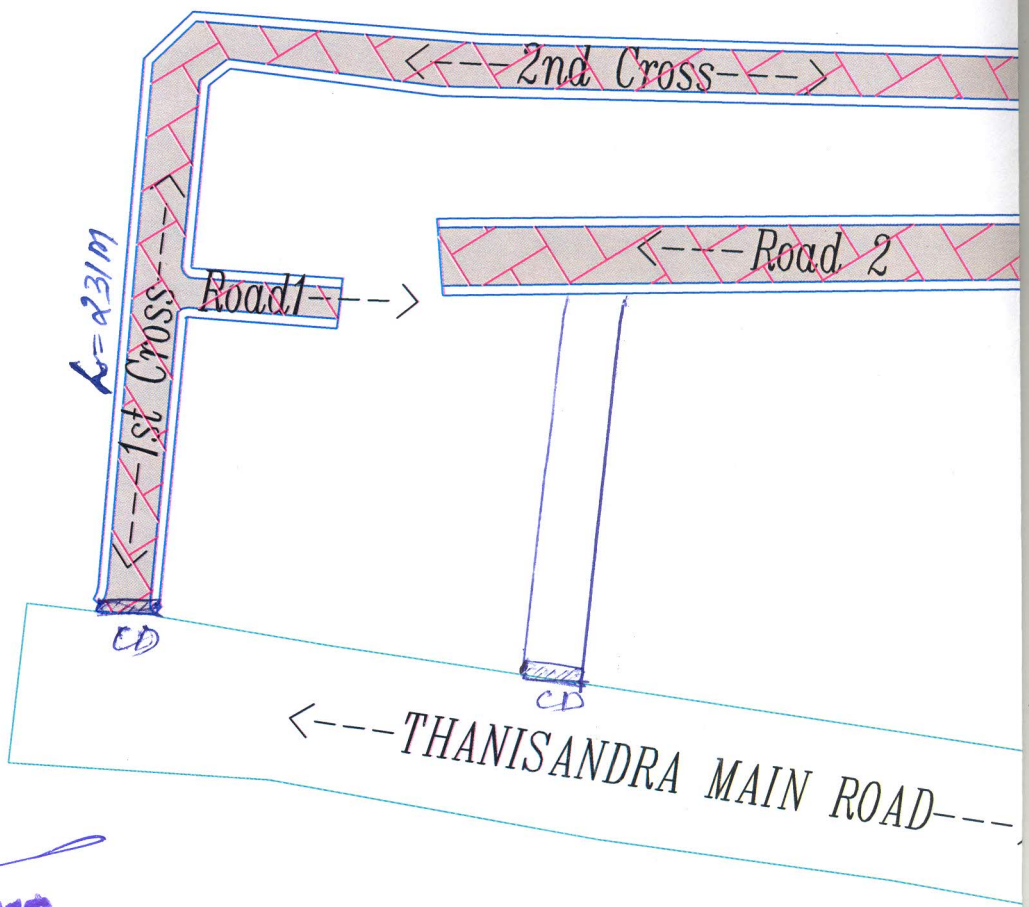
TA CE (YNK)

Technical Sanction
Accorded For ..... 30.00 lakh Rs.
Head of A/C..... P3316
CER NO :.....393 Dt:..28/11/17

TA CE (YNK)

BRUHAT BANGA

Asphalting to Road and Improvements to Drains at Manjunatha Layout 1st



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

NOTE:-

1. ALL DIMENSION & LEVELS ARE Mts. UNLESS OTHERWISE MENTIONED.

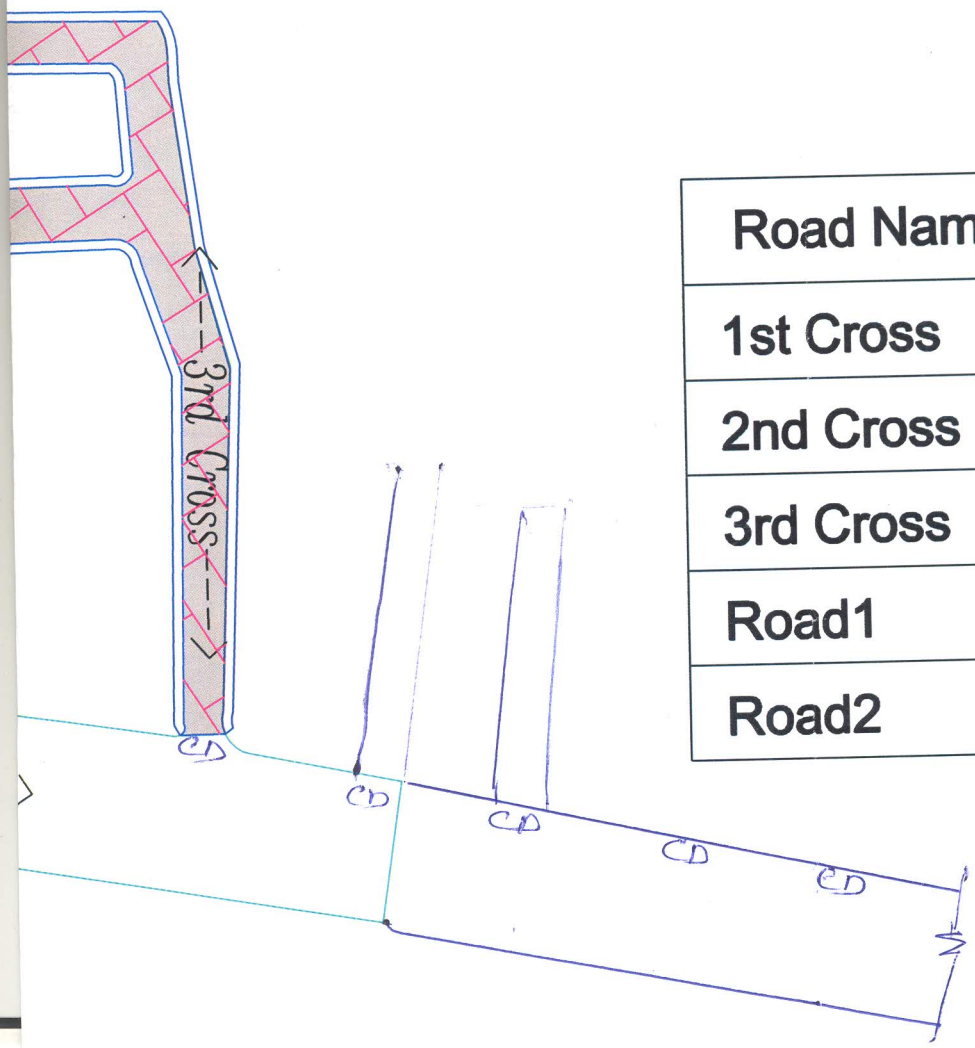
DATE	No. OF PRINTS	PRINTS ISSUED TO	SIGN

DATE	REVISION	DESCRIPTIONS	SIGN

LEGE
Aspha
CC R
Drain

LORE MAHANAGARA PALIKE

2nd and 3rd Cross Roads in Ward No 06 Byatarayanapura Sub division



Road Name	Length
1st Cross	70m
2nd Cross	120m
3rd Cross	90m
Road1	28m
Road2	90m

MANJUNATHA LAYOUT

TITLE: STRIP PLAN 1/1

BRUHAT BANGALORE MAHANAGARA PALIKE

Project:providing cement concrete road and drains at Bharath Nagara High Tension Road Both side cross roads fro Milk Dairy to Tejraj Compound in Ward No 06 Byatarayanapura Sub Division

Est Cost: =40.0Lakhs

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)								
	Milk dairy to Tejraj compound	Cum							
	main road from ch 0-465 RHS desilt		1	415	0.50	0.50	103.75		
	ch 169-465 LHS Desilt		1	262	0.50	0.55	72.05		
	Culverts		13	5.5	2.00	1.05	150.15		
							325.95	186.92	**60926.57**
	Basic rate	**82**							
	Loading and unloading with 10km lead= 68+2.5x1.28x10 = 100	**100**							
	Area Weightage 6%	**4.92**							
	Final Rate	**186.92**							
2	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)								
	BS Slab Drain	Sqm							
	Milk dairy to Tejraj compound								
	existing cover		1	35.00	1.2	--	42.00		
	main road from ch 0-465 RHS		1	265.00	1.35	--	357.75		
	ch 169-465 LHS Desilt		1	262.00	1.80	--	471.60		
	Consider 20% Missing slabs and damaged slabs						-174.27		
							697.08	80.56	**56156.76**
	Basic rate	**76**							
	Area Weightage 6%	**4.56**							
	Final Rate	**80.56**							
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)								
		Sqm							
	Consider 20% Missing slabs and damaged slabs						174.27		
							174.27	665.68	**116008.05**
	Basic rate	**628**							
	Area Weightage 6%	**37.68**							
	Final Rate	**665.68**							
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)								
	Bed Concrete	Cum							
	for Raising /flagging								
	main road from ch 0-465 RHS		2	265.00	0.35	0.100	18.55		
	ch 0-465 LHS		2	262.00	0.35	0.100	18.34		
	Culverts		13	5.50	2.00	0.150	21.45		
							58.34	5348.76	**312046.66**

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Basic rate	**5046**							
	Area Weightage 6%	**302.76**							
	Final Rate	**5348.76**							
5	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)								
	main road from ch 0-465 RHS desi	Cum	2	265.00	0.45	0.20	47.70		
	ch 169-465 LHS Desilt		2	262.00	0.45	0.20	47.16		
	Culverts		26	5.50	0.60	0.80	68.64		
							163.50	4438.22	**725648.97**
	Basic rate	**4187**							
	Area Weightage 6%	**251.22**							
	Final Rate	**4438.22**							
6	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (P.No.25, I.No.5.26.2 of PW, P&IWTD SR 2016-17)								
	main road from ch 0-465 RHS desi	Sqm	2	265.00	--	0.20	106.00		
	ch 169-465 LHS Desilt	Sqm	2	262.00	--	0.20	104.80		
							210.80	961.42	**202667.34**
	Basic rate	**907**							
	Area Weightage 6%	**54.42**							
	Final Rate	**961.42**							
7	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)								
	main road from ch 0-465 RHS desi	Sqm	2	265.00	--	0.20	106.00		
	ch 169-465 LHS Desilt	Sqm	2	262.00	--	0.20	104.80		
	Culverts		26	5.50	--	0.80	114.40		
							325.20	102.82	**33437.06**
	Basic rate	**97**							
	Area Weightage 6%	**5.82**							
	Final Rate	**102.82**							
8	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)								
	Coping	Cum							
	main road from ch 0-465 RHS desilt		2	265.00	0.450	0.075	17.89		
	ch 169-465 LHS Desilt		2	262.00	0.150	0.075	5.90		
	Culverts		26	5.50	0.60	0.100	8.58		
							32.36	5767.46	**186635.01**
	Basic rate	**5441**							
	Area Weightage 6%	**326.46**							
	Final Rate	**5767.46**							

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
9	Providing and fixing **RCC Precast cover slab of 100mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
		Sqm							
	main road from ch 0-465 RHS		1	265.00	1.20	--	318.00		
	ch 169-465 LHS		1	262.00	1.20	--	314.40		
							632.40	1817.00	**1149070.80**
10	Providing and fixing **RCC Precast cover slab of250 mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
		Sqm							
	Culverts		13	5.50	2.00	--	143.00		
							143.00	5317.00	**760331.00**
							Total Construction Cost		**3602928.22**
11			**Cost towards PMC / Third Party inspection LS**						**36030.00**
							Tender Premium10%		**360292.82**
							Sub Total		**3999251.04**
12						**Miscellaneous and rounding off**			**748.96**
								Total	**4000000.00**

Certificate.

1 The workspot was inspected and work is found to be necessary.
2 The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3 The rates adopted based on the PWD SR, Bangalore circle for year 2016-17.
4 The provisions made in the estimate are necessary and essential.

Assistant Engineer Assistant Executive Engineer Executive Engineer 27/11

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಾರ್ಯಾಲಯ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಜ್ಞಾನಭಾರತಿ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

ADMINISTRATIVE APPROVAL

Accorded For Rs. Forty lakhs only

Head of A/C. P-3316

Div. Ref. No. 43/17-18 Date. 27/11/17

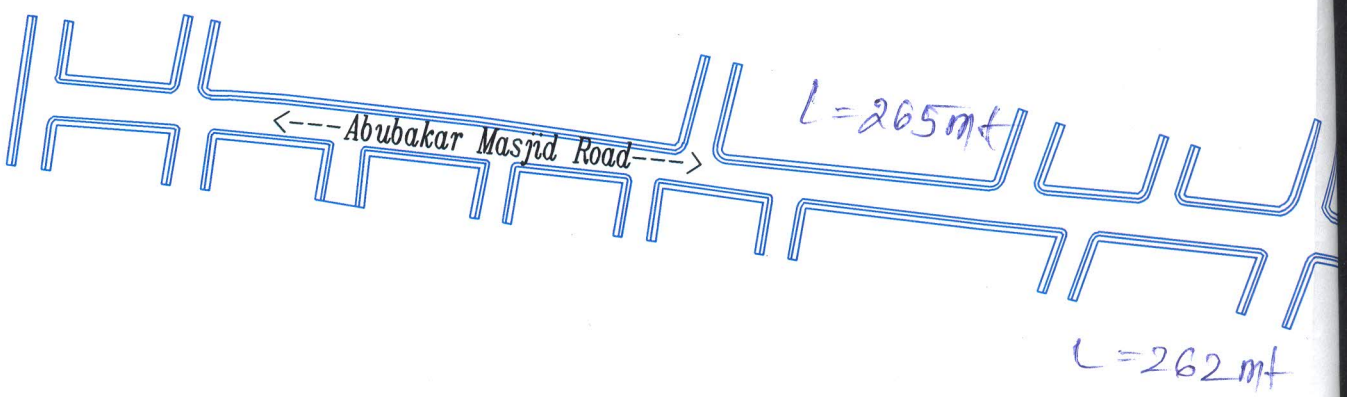
AE 27/11 EE(BTP) 27/11

Technical Sanction
Accorded For 40-00 lakh Rs.
Head of A/C. P3316
CER NO : 398 Dt. 28/11/17

TA CE (YNK)

BRUHAT BANGALO

Providing Cement Concrete Road and Drains at Bharathna
Milk Dairy to Tejraj Compound in War



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

NOTE:-

1. ALL DIMENSION & LEVELS ARE Mts. UNLESS OTHERWISE MENTIONED.

DATE	No. OF PRINTS	PRINTS ISSUED TO	SIGN

DATE	REVISION	DESCRIPTIONS	SIGN

LEGEND:-

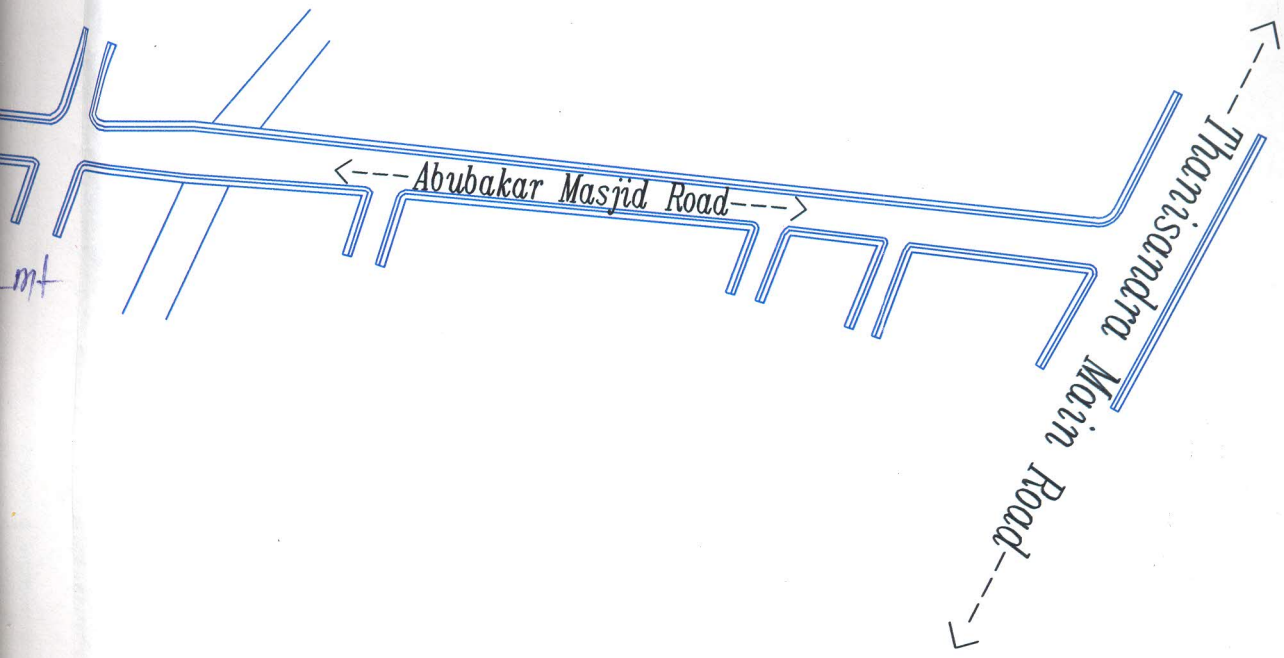
Asphalt

CC Road

Drain

ANGALORE MAHANAGARA PALIKE

arathnagara High Tension Road both side Cross Roads from
in Ward No 06 Byatarayanapura Sub Division



ABUBAKAR MASJID ROAD

LEGEND:-

Asphalt

CC Road

Drain

TITLE:

STRIP PLAN

1/1